

G7 status/ Future of the Seas and Oceans WG

The road to Canada 2018



G7 summit
Germany
2015



G7 summit
Japan 2016

G7 Ocean
Experts
Follow-up
meeting 2016
Paris

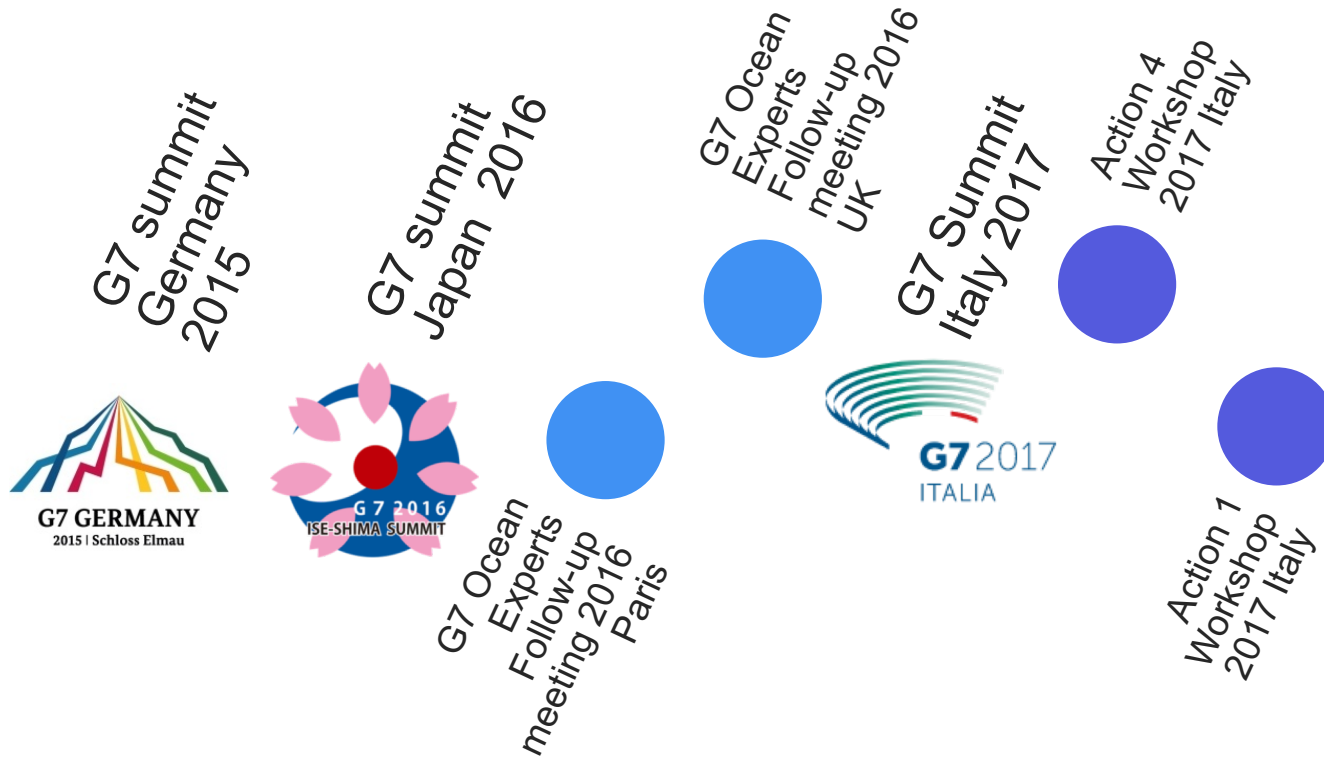
G7 Ocean
Experts
Follow-up
meeting 2016
UK

Tsukuba Communique and Future of the Seas and Oceans

WG: 5 main Actions in support of the achievement of the SDG14

-  1 Support initiative for enhanced global sea and ocean observation required to monitor inter alia climate change and marine biodiversity;
-  2 Support an enhanced system of ocean assessment through the UN Regular Process to develop a consensus view on the state of the oceans;
-  3 Promote open science and improvement of the global data sharing infrastructure;
-  4 Strengthen collaborative approaches to encourage the development of regional observing capabilities and knowledge networks, including supporting capacity building of developing countries
-  5 Promote G7 political-cooperation by identifying actions needed to enhance routine ocean observations

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Action 4 Workshop

Co-design a cost-effective, sustainable system for coastal ocean observing in developing countries. Trieste, May 17

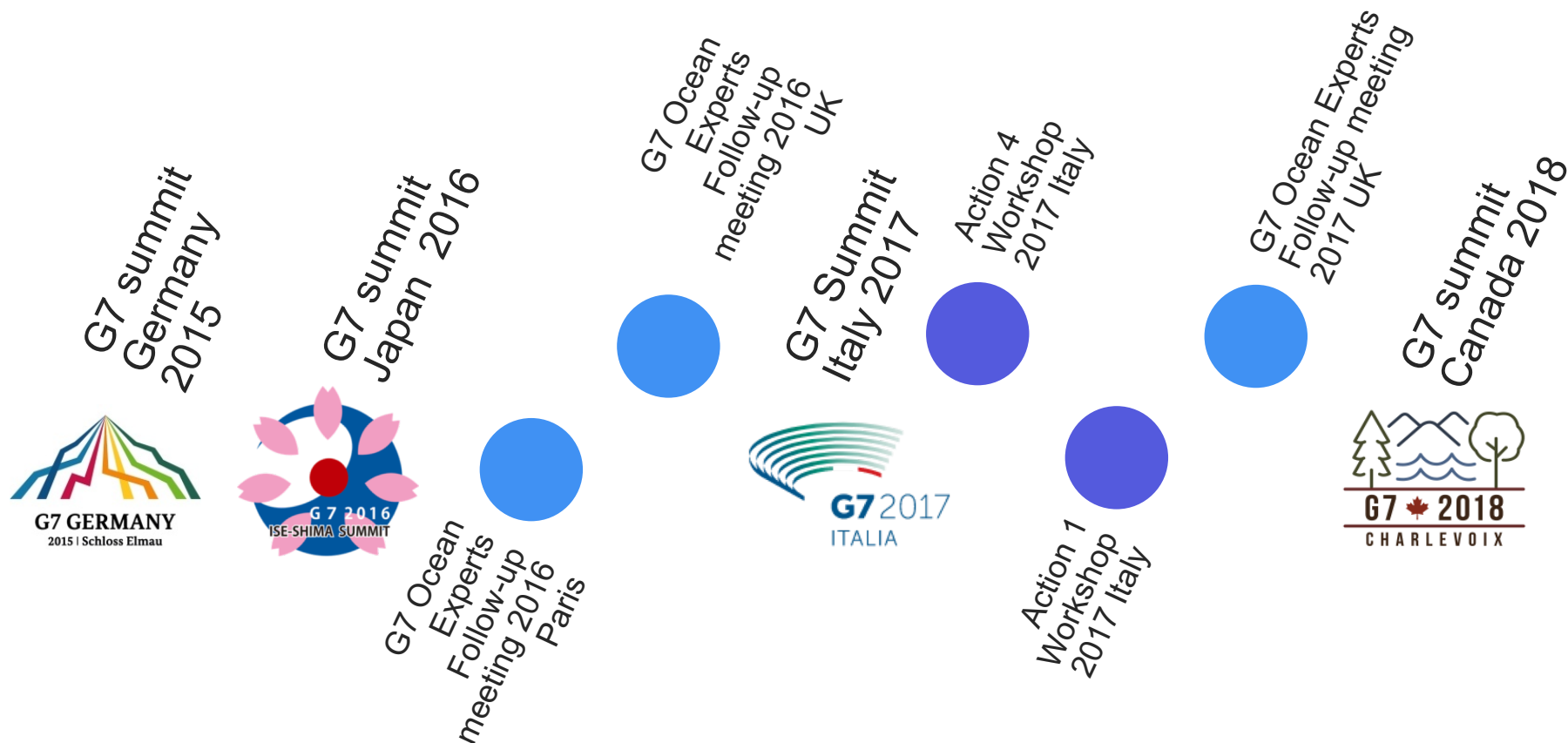
- Prepare a blueprint for a cost-effective, sustainable approach to coastal ocean observing for countries with developing blue economies but with restricted access to large infrastructures.

Action 1 Workshop

Augmented Observatories Workshop, Naples, June 2017

- Discuss augmentation of **selected observatories** as sites for developing protocols
 - **Meta-omics**
 - Integration with blue economy and blue biotech
 - Test new technologies (sensors, devices).

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What's in it for YOU and why should you care?

- Implementation of Augmented Observatories
 - Follow the 'MBON' model – common framework of methods and incorporation of 'Omics.
- *Blue Growth: Unlocking the potential of Seas and Oceans*
 - **BG-08-2018-2019:** All Atlantic Ocean Research Alliance Flagship (closed Feb. 2018)
 - [B] 2018-2019- Assessing the status of Atlantic marine ecosystems
 - under Italy's leadership, proposal submitted "AtlantECO: Atlantic Ecosystems Assessment, Forecasting & Sustainability"
 - **BG-07-2019-2020:** The Future of Seas and Oceans Flagship Initiative (closes Jan. 2019)
 - [B] 2019 - Observations and forecasting "...shall take account of the needs deriving from the G7 Future of the Seas and Oceans Initiative..."

What's in it for YOU and why should you care?



- Coastal Resilience, Healthy Oceans and Marine Debris
- **G7 Framework for Action:** Building Stronger and More Resilient Coasts & Communities
- Commit to accelerate action to build the resilience of vulnerable coastal communities, including Small Island Developing States (SIDS) and other low-lying coastal communities, through four priority areas.